IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Lighting Control
Manufacturer:	Helvar
Firmware Version:	N/A
Model(s):	Digidim 505 RS-232

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
1	3/28/2012	1.5.1	3.3.1	Initial version.

Driver Notes:

Control Commands & States:

Area Control*	Group	Broadcast	Short
ID Select 1**	1-16		
ID Select 2**	1-63		
Level	0 to 254 in steps of 1		
Level (Step)	Up	Down	
Power Control	On	Off	
Preset Recall	1-16		
Recall Level	Maximum	Minimum	

*Must select an area before sending out any commands.
**If Group is selected must choose an ID Select 1, If Short is selected, must choose ID Select 2.

Status Available:

Area Control*	Group	Broadcast	Short
Connection Status	Connected	Disconnected	Status Unavailable
Device Status	Normal Status Unavailable	Lamp Not Installed	System Error
Fade	Ready	Running	Status Unavailable
Lamp Status	Normal	Lamp Failure	Status Unavailable
Level	0 to 254 in steps of 1		
Limit Status	Error	Normal	Status Unavailable
Power Control	On	Off	
Power Status	Status Unavailable	On	Off

*Status is only available when Area Control is set to Short and the proper ID is selected.

MLC60 Series Supported Commands*:

Level	0 to 254 in steps of 1	
Level (Step)	Up	Down
Power Control	On	Off
Preset Recall	1-16	
Recall Level	Maximum	Minimum

*MLC60 Series commands broadcast to all areas.

Cable and Adapter Requirements:

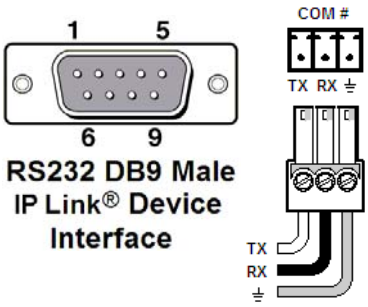
M/F RS-232 straight serial cable (Extron Electronics P/N 26-433-XX)

Notes for the Device:

Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	19200	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2	←	2	TxD
TxD	3	→	3	RxD
GND	5	—	5	GND

Note: Captive screw connector may also be used as a serial connection.

General Notes: